

BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work: Improvements of drains at Bagalagunte old village (surrounding marammatemple) ward no:14 Bagalagunte

Sl	Description of Item	Unit	No	Est. Cost Rs			20.00	Lakhs	
				L	B	D	Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.142/I.19.1 PW, P & IWTD -SR 2016-17)								
		Cum	1	178.00	1.20	1.00	213.60		
	Patch Work		1	80.00	3.50	0.30	84.00		
							297.60	86.92	25867.00
	Basic Rate	82.00							
	Add Area Weightage 6%	4.92							
	Total	86.92							
2	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3) PWD - SR 2016-17)								
		Cum	1	178.00	1.20	0.15	32.04		
			1	80.00	3.50	0.15	42.00		
	Basic Rate	4867.00					74.04	5159.02	381974.00
	Add Area Weightage 6%	292.02							
	Total	5159.02							
3	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications, Specification NO KBS 4.6.2 Page No 15/ Item No 4.31/PWD SR 2016-17								
		Sqm	4	178.00	0.90		640.80		
	Basic Rate	293.00					640.80	310.58	199020.00
	Add Area Weightage 6%	17.58							
	Total	310.58							

	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix M1:2:4 with cement @240 kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.6) PW, P & IWTD - SR 2016-17)								
		Cum	2	178.00	0.15	0.90	48.06		
			1	178.00	0.90	0.10	16.02		
	Basic Rate	5441.00					64.08	5767.46	369579.00
	Add Area Weightage 6%	326.46							
	Total	5767.46							
5	KSRRB M600-2. Cement Concrete Pavement :- Construction of un reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with 43 grade cement design mix M40 at 420 kg/cum Cement, C.A. 0.67 cum, F.A/ 0.44 cum and down size graded granite metal coarse aggregate at 0.69 cum and fine aggregates @ 0.46 cum with superplastizer at 3lts conforming to IS 9103-1999 reaffirmed 2008. coarse and fine aggregate conforming to IS:383, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing, compound, finishing to lines and grades as per drawing complete as per specifications.(Page No: 173, itNo: 22.2.1)								
		cum	1	80.00	3.50	0.12	33.60		
							33.60	7244.64	243420.00
	Basic rate	6708.00							
	8 % Area weightage	536.64							
	Total	7244.64							
6	KSRRB M2200-6. Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 [P. no.225 - I. no.28.8.2]								
		Tonne	26	178.00		0.62	2869.36		
			1780	2.65		0.62	2924.54		
							5793.90		
	Basic Rate	62719.00					5.79	66482.14	385191.00
	Add 6% A.W	3763.14							
	TOTAL	66482.14							

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
Supplying and fixing precast reinforced concrete slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.								
	Sqm	1	178.00	0.90		160.20		
Data Rates Approved by						160.20	1698.00	272020.00
8 Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 133 Item No. 17.1 PWD SR 2016-17								
	Cum		Qty Vide Item No. 1			297.60	85.65	25489.00
Loading and Unloading Charges	68.00							
Lead 4 KMs 2x1.28x4	12.80							
	80.80							
Add Area Weightage 6%	4.85							
Total	85.65							
							Sub Total	1902560.00
								95128.00
9 Qc & Tender Premium 5%								
								2312.00
10 Miscellaneous and Unforeseen Charges								
							Total	2000000.00

Rupees Twenty Lakhs Only

CERTIFICATE:-

- 1 The Work spot has been inspected and the work is found to be necessary
- 2 The Estimate is prepared as per the PW, P & IWTD -SR-2016-17
- 3 The Provision made in estimate are adequate and essential.
- 4 This area comes under BBMP limits.

Assistant Engineer
Ward No 14

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

ದ. EE/00/RS/580 ದಿನಾ: 1/12/17
17-18
ದ. Twenty lakh only (20.00)

ಅವಕಾಶ ಪಟ್ಟಿ ಅನುಷ್ಠಾನ ಮಾಡುವುದಕ್ಕೆ ಸಿದ್ಧ

ಇವುಗಳನ್ನು ಅನುಷ್ಠಾನಿಸಲು
ಸಹಾಯಕ ಮುಖ್ಯಸ್ಥರು
ಮಾನ್ಯ ಮುಖ್ಯಸ್ಥರು, ಬೆಂಗಳೂರು.

ದ. EE/00/RS/414 ದಿನಾ: 1/12/17
17-18
ದ. Twenty lakh only (20.00)

ಇದು ಅವಕಾಶ ಪಟ್ಟಿ ಅನುಷ್ಠಾನ ಮಾಡುವುದಕ್ಕೆ ಸಿದ್ಧ

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